**HANDS-ON 4**

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| **Task** | **Hint** |
| Start the Terminal   1. Create a script file ‘script1’ as following, change the permission to allow execute and try to execute it   # creating a script file  # # My first shell script  #  clear  echo "Hello World"  # save it as script1  # execute this script | gedit script1  chmod u+x script1  ./script1 |
| 1. Create your own pbs script (named scr.pbs) for a job that should run 15 min on 1 node using all the cores, should notify you when begins and ends,the jobs name should be my-test, credits should be used from lp\_hpcinfo project   The commands that should be executed inside the script:  Load the module Python/2.7.14-intel-2018a  Check the path of python  Go to you $VSC\_SCRATCH directory  Print the directory and list the files in it    Create test123.txt file  Execute script1 in your home dir | #!/bin/bash -l  #SBATCH --cluster=wice  #SBATCH --job-name="my-test"  #SBATCH -N 1  #SBATCH --ntasks-per-node=72  #SBATCH -t 15:00  #SBATCH –A lp\_hpcinfo  #SBATCH --mail-type=BEGIN,END  #SBATCH --mail-user=*my.name@kuleuven.be*  module load Python/2.7.14-intel-2018a  which python  cd $VSC\_SCRATCH  pwd  ls  touch test123.txt  cd $VSC\_HOME  ./script1 |
| 1. Submit your pbs script and analyze output file | qsub scr.pbs |